Planning for construction

Sound Transit is planning to construct the new bridge without significant interruptions to ongoing Sounder service. Construction will occur in phases:

Phase 1: build the southern track of the new bridge

Phase 2: route train service to the newly built bridge and remove the existing trestle

Phase 3: build the northern track of the new bridge

Sound Transit is committed to being a good neighbor during construction by:

- Keeping communities informed about progress and potential impacts
- Developing a business relations program to address impacts
- Keeping the site and adjacent streets clean
- Complying with local noise codes and minimizing noise impacts where possible
- Keeping construction lights out of homes or businesses
- Maintaining vehicle, bike and pedestrian access
- Minimizing parking impacts from contractor employees
- Keeping traffic moving following an approved traffic control plan

Sound Transit will deliver on these commitments by having dedicated staff during construction, writing mitigation measures into contract specifications and coordinating with agencies and project partners.

Watch a video on construction phasing at soundtransit.org/TacomaTrestle

Business relations

Sound Transit will develop the Business Relations Program for the project that will be implemented during construction. The Business Relations Program includes the following elements:

Education/Awareness

- **Educate and inform businesses of construction-related impacts.**

Construction Mitigation

- **Ease physical impacts of construction on businesses.**
- **Good neighbor commitments.**

Marketing/Promotion

- **Create awareness that businesses are open.**
- **Encourage patrons to frequent businesses.**

Resource Tools/ Partnerships

- **Connect businesses to partner tools and business resources.**

Sound Transit approaches this program by utilizing a four-step process:

1. Incorporate national business mitigation **best practices**
2. **Build relationships** with businesses and key stakeholders most affected by construction
3. **Learn** from the local business community how Sound Transit can be a good neighbor during construction
4. Develop an informed, relevant and supportive **Business Relations Program** to suit the communities' needs based on their input and the known impacts of construction

Next steps

As Sound Transit finalizes design for the Tacoma Trestle project, work will include 90 percent and 100 percent design milestones. Sound Transit is committed to continue engaging with the community throughout design and construction of the trestle. Sound Transit will seek input from the public at the 90 percent and 100 percent milestones.

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For more information on the Tacoma Trestle project, please contact Erin Hunter, South Corridor Outreach Supervisor, at (206) 370-5511 or erin.hunter@soundtransit.org, or visit:

Tacoma Trestle webpage: soundtransit.org/TacomaTrestle

For information in alternative formats, call 1-800-201-4900 TTY Relay: 711 or email accessibility@soundtransit.org.

Para información acerca del proyecto llame al: 1-800-823-9230

Звоните 1-800-823-9230, чтобы получить информацию о проекте.

要瞭解項目資訊，請致電：1-800-823-9230

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Tacoma Trestle Track & Signal Project

MARCH 2015

PROJECT OVERVIEW

Length: 0.65 miles
Budget: $61M (2014 dollars)
Completion date: 2017

Sound Transit is replacing the aging, wooden single-track trestle with a new, concrete double-track bridge to increase rail capacity for additional Sounder and Amtrak trains and improve reliability of passenger service.

INSIDE: 60 percent structural design
Overpass bridge, platform extension, architectural treatments

Tacoma Trestle webpage: soundtransit.org/TacomaTrestle

Sound Transit plans, builds and operates regional transit systems and services to improve mobility for Central Puget Sound.
Sound Transit | 401 S. Jackson St. | Seattle, WA 98104-2826 | 1-800-201-4900 / TTY Relay: 711 | main@soundtransit.org | soundtransit.org

Replacing the Tacoma Trestle

Sound Transit is replacing the wooden single-track railroad trestle east of Freighthouse Square in Tacoma with a modern, double-track bridge. The new bridge will accommodate increased passenger and rail capacity along the corridor and improve reliability for Sounder and Amtrak passenger service. The existing wooden trestle would require structural upgrades within five years to support current rail operations.

To replace the existing trestle, crews will remove the current 0.65-mile-long wood structure and construct a new double-track rail bridge over East 26th and East G streets and crossover tracks. Other improvements include building an expanded passenger platform to accommodate Amtrak trains and passengers, making minor street repairs, relocating some utilities, replacing retaining walls at both ends of the bridge and upgrading the railroad signals.

In 2008, voters approved the Tacoma Trestle Track & Trestle Project as part of the Sound Transit 2 ballot measure; the total Tacoma Trestle project budget is $61 million (2014 dollars). In 2013, Sound Transit received a $10 million grant from the U.S. Department of Transportation's Transportation Investment Generating Economic Recovery (TIGER) program. This allowed Sound Transit to accelerate the project schedule to coincide with the opening of the new Tacoma Amtrak Station from 2023 to 2017. This updated schedule accommodates three additional Sounder south line round trips and the Washington State Department of Transportation Point Defiance Bypass Project.

Community input on design concepts

Community members provided input at the start and 30 percent design milestones for the new bridge, including structural and architectural elements. The design of the project reflects community comments, such as:

- Reflect the look of the Pacific Avenue bridge
- Two round columns at each support
- Walls for emergency exit stairs should include lighting, glass or other design elements that reflect Freighthouse Square
- More emphasis on architectural elements near G Street
- Crime Prevention Through Environmental Design (CPTED) features which are demonstrated in landscaping, visibility and lighting

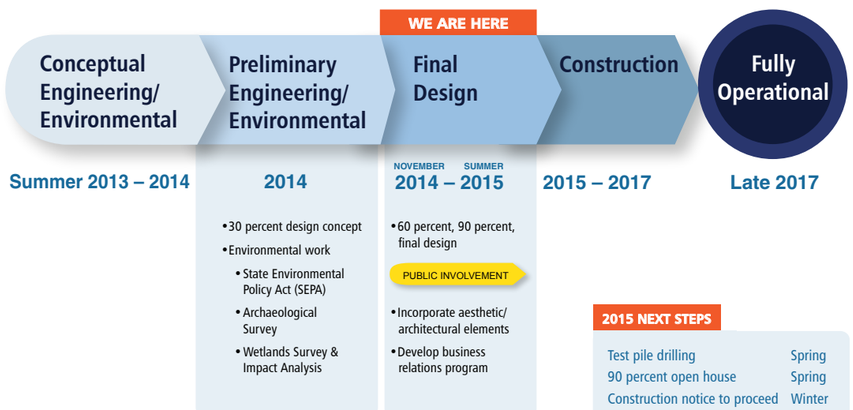
Public art at the station will be incorporated in the future as part of Sound Transit's art program.

Environmental work

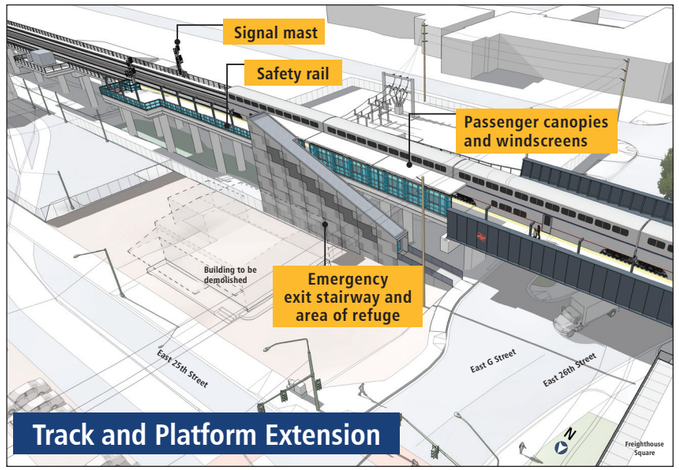
During final design, Sound Transit identified removal of a derelict pier in the Foss Waterway as part of potential mitigation for project impacts.

Environmental work has also included review of the project area for historic and archaeological resources. Sound Transit is in the process of documenting the exiting trestle and creating an interpretive display on trestle characteristics. An article on the trestle has also been posted on HistoryLink.org and can be found at soundtransit.org/tacomatrestle.

Timeline



60 percent design concepts



East G Street overpass

Steel girder overpass that includes pedestrian walkway

Features

- Incorporates Milwaukee Railroad logo on steel girder
- Removes existing intermediate support column between East G Street and East 26th Street
- Area in front of retaining wall is simplified and lowered, resulting in better sight lines and safety for drivers and pedestrians
- Overall goal is for a "lighter and brighter" and safer pedestrian experience, and better monitoring by security and law enforcement

To be incorporated into 90 percent design

- Architectural treatments on retaining wall to be similar to emergency exit stairway
- Landscaping and lighting to enhance safety
- Fencing

Track and platform extension

Coordinate with WSDOT to extend platform and accommodate longer Amtrak trains

Features

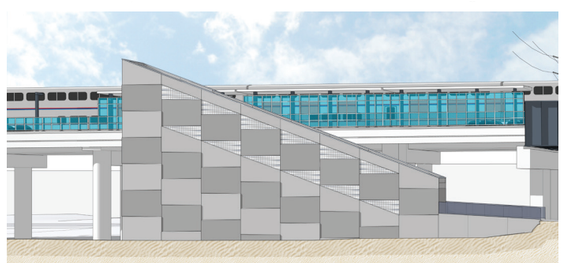
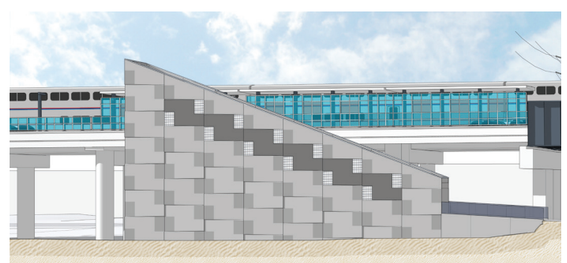
- Passenger canopies and windscreens
- Architectural treatment on stairway wall
- Safety rail
- Signal masts

To be incorporated into 90 percent design

- Architectural treatment on stairway wall
- Landscaping and lighting to enhance safety
- Fencing

Architectural options for emergency exit stair

Sound Transit is gathering input on architectural treatments for the emergency exit stairway wall.

Concept features

- Precast concrete panels
- Variations in thickness suggest basket-weave pattern, created using form liners
- Geometric pattern reflects the stairs within the building